



Arizona Department of Agriculture

1688 W. Adams Street, Phoenix, Arizona 85007
(602) 542-0901 FAX (602) 542-0466

DATE: June 25, 2004

TO: All Applicators and
Licensed Pest Control Advisors

FROM: Jack Peterson, Associate Director
Environmental Services Division

SUBJECT: 2004 Pesticide Monitoring Program

The 2004 pesticide spraying season is here. We need your support and cooperation for a successful pesticide monitoring season. This year monitors for pesticide applications will be assigned from July 3, through November 28, 2004. Unless there is need for modification, no further updates will be sent

PMA's AND SENSITIVE AREAS

There are two types of REQUESTED MONITORS: Pesticide Management Areas (PMA's) and Sensitive Areas.

Currently, there is only one area legally defined as a PESTICIDE MANAGEMENT AREA (PMA) in Pima county. It is located in Marana. A map is attached. When you apply pesticides by air in a PMA, the Department must be notified at least 24 hours in advance. You may wish to request monitors for applications by ground to avoid further complaints.

The second type of REQUESTED MONITOR is a SENSITIVE AREA. Sensitive areas are designated by the Department and reviewed annually to reflect the areas that generate a larger share of pesticide related complaints. Notifying the Department of planned applications or contacting concerned individuals you know or who have contacted you for notification of applications to these areas is voluntary. However, you are strongly encouraged to notify us of applications in sensitive areas just as you would for those in a PMA. A list of SENSITIVE AREAS per county is attached. Pre-notification and informing people will help reduce complaints and concerns.

BUFFER ZONES

If you are planning an application of a HIGHLY TOXIC MATERIAL or PARAQUAT within a 1/4 mile of a school or day care center, it must be scheduled so that the reentry interval for the pesticide will expire before any authorized activities take place at the facility. If there are activities scheduled over the weekend, you may have to choose another material. Bear in mind that many churches operate day care centers.

NOTICE OF INTENT TO SPRAY

For other than highly toxic pesticides or Paraquat, different buffer zone requirements apply. It is required that a responsible individual at schools or day care centers be notified of any aerial applications made during daylight hours within a ¼ mile. It is recommended that you keep a log of those contacts for your own protection. For answers to more specific questions on this issue, don't hesitate to call any of our offices. A copy of the buffer zone law has been included for your convenience.

ADA MONITOR'S SCHEDULE

From July 3, through November 28, 2004, you may call 1-800-423-8876, 24 hours a day, seven days a week and leave a message. These messages will be reviewed at least twice daily by pesticide investigators who will do the monitoring. (This same process has been followed in years past). Certain information about the application must be given when you call. To make this easier, a copy of our monitor request form is attached. Use the form as a reference. Be prepared to provide all the information on it when requesting a monitor. Faxed copies or requests by phone directly to your local ADA office will be accepted if received between 8 a.m. - 5 p.m. Monday through Friday (excluding holidays).

We understand that it may be difficult to provide monitor requests 24 hours in advance. Still, the reality is that there has to be a higher level of effort, care and caution involved in using agricultural chemicals, particularly in these areas.

Monitoring personnel often have other scheduled monitors and other appointments to keep. They will wait no more than 1 hour past the designated time before moving on. They all have cellular phones. Get acquainted with your local inspectors. Please request their cellular phone numbers so if your plans have to be changed you can notify them as soon as possible. Due to budget and personnel constraints all monitor requests may not be possible.

PCA's

PCA's are crucial in reducing complaints. Your timely submission of orders to dealers and applicators is necessary for the Department to receive adequate notice to monitor. You may fax orders to the applicator, but the original must follow. Applicators have the final responsibility for the job, but your prompt communication prior to the application has a tremendous impact on the final outcome. Careful selection of the chemical recommended is essential. Attention to buffer zone requirements, timely submission of 1080's and careful consideration of environmental factors are key elements in reducing complaints and maintaining a positive image to the public.

Thank you again for your cooperation and support. Please read the ATTACHMENTS and FILE THEM FOR FUTURE REFERENCE. For further clarification, you may call the Environmental Services Division at (602) 542-3578.

ATTACHMENTS

1. List of designated 2004 Pesticide Monitoring Program Areas with PMA's
2. Department office phone numbers - see listing for each county
3. PMA maps
4. Monitor request form
5. Buffer Zone Law/Buffer Zone Chart
6. PMA Law/PMA Rule / Criteria for establishing a PMA

cc: Jack Peterson, Associate Director, ADA
District Offices, ADA
Les Davis, AAAA
AZ Crop Protection Association

**ARIZONA DEPARTMENT OF AGRICULTURE
ENVIRONMENTAL SERVICES DIVISION**

**2004 PESTICIDE MONITORING PROGRAM
MARICOPA COUNTY**

TELEPHONE 1-800-423-8876 FAX (602) 542-0466

SENSITIVE AREAS

<u>AREA</u>	<u>MONITORING DISTANCE</u>
1. Gilbert Area #1	Area encompassed by Baseline Rd on the north; Cooper Rd. on the east; Houston Ave. on the south and ½ mile west of Cooper Rd. on the west. Sections 1 & 2, T1N, R5E.
2. Gilbert Area #2	Area encompassed by Baseline Rd on the north; Recker Rd. on the east; Houston Ave. on the south and Higley Rd. on the west. Area compassed by Elliot Rd on the north; Recker Rd. on the east; Warner Ave. on the south and Greenfield Rd. on the west. Sections 2, 14 & 15, T1N, R6E.
3. Cotton Bowl School Area	Area encompassed by Olive Ave. on the north; 75 th Ave. on the east; Northern Ave. on the south and 91 st Ave. on the west. Sections 34 & 35, T3N, R1E.
4. Kenwood Lane Area	Area encompassed by Frye Rd. on the north; Dobson Rd. on the east; Pecos Rd. on the south and Ellis St. on the west. Section 31, T1S, R5E.
5. Mesa City Area	Area encompassed by McDowell Rd. on the north; Roosevelt Canal on the east; Adobe St. on the south and 32nd St. on the west. Sections 4, 5, 8, 9, 10, 15, 16 & 17, T1N, R6E.
6. Norton's Corner Area	Area encompassed by Frye Rd. on the north; Gilbert Rd. on the east; Pecos Rd. on the south and Emmett Dr. on the west. Sections 36, T1S, R5E.

AREA

MONITORING DISTANCE

7. South Mountain

Area within the following streets. Starting from the intersection of 7th Ave. and Baseline Rd. go west to 19th Ave., then north to Broadway Rd., then west to 35th Ave., then south to Southern Ave., then west to 43rd Ave., then south to Ceton Rd., then east to 35th Ave., then north to Dobbins Rd., then east to 7th Ave., then north to the starting point of 7th Ave. and Baseline Rd.

Section 6, T1S, R3E.

Sections 25, 26, 34, 35 & 36, T1N, R2E. Sections 1, 2, 3 & 10, T1S, R2E.

8. Villa De Paz

Area encompassed by Camelback Rd. on the north; 99th Ave. on the east; Thomas Rd. on the south and 107th Ave. on the west.

Sections 20 & 29, T2N, R1E.

**ARIZONA DEPARTMENT OF AGRICULTURE
ENVIRONMENTAL SERVICES DIVISION**

**2004 PESTICIDE MONITORING PROGRAM
PIMA COUNTY**

**TUCSON DISTRICT OFFICE
TELEPHONE (520) 628-6313
FAX (520) 628-6961**

The Tucson office of Environmental Services Division is not manned 24-hours per day nor is there 24-hour a day telephone access to the office. Requests for monitors in the Marana Pesticide Management Area should be made during regular business hours, Monday through Friday, whenever possible. Requests may be made by calling ESD's 24-hour Hotline in Phoenix, 1-800-423-8876, and leaving a recorded message. Every effort will be made to accommodate the request.

AREA

Marana Pesticide Management Area

MONITORING DISTANCE

Bounded by Marana Rd. on (map included)
the north, east to I-10. South east on I-10 to Grier RD. East on Grier Rd. to NE corner of Section 26. South on the east side of Section 26 to the conjunction of the railroad, I-10 and Moore Rd. West on Moore Rd. to Sanders RD. North on Sanders to Marana Rd. Plus the NE ¼ of section 33. Sections 21, 26, 27, 28 and 33, T11S, R11E.

**ARIZONA DEPARTMENT OF AGRICULTURE
ENVIRONMENTAL SERVICES DIVISION**

**2004 PESTICIDE MONITORING PROGRAM
PINAL COUNTY**

**TELEPHONE 1-800-423-8876
FAX (602) 542-0466**

<u>AREA</u>	<u>MONITORING DISTANCE</u>
1. North Casa Grande	Cholla School, Caring Center Child Development. Sections 8, 9 & SW ¼ of 15, 16, T6S, R6E.
2. Southeast Casa Grande	Palo Verde School and Sierra Ranch, Mesquite Elementary School & Fiesta Grande RV Park. Sections 27 & 28, T6S, R6E.
3. Southwest Casa Grande	Ocotillo School; Section 30, T6S, R6E
4. Arizona City	Arizona City; Section 31, T7S, R7E, Section 36, T7S, R6E.

**ARIZONA DEPARTMENT OF AGRICULTURE
ENVIRONMENTAL SERVICES DIVISION**

**2004 PESTICIDE MONITORING PROGRAM
LA PAZ COUNTY
PARKER – POSTON**

**TELEPHONE NUMBERS
L. Elena Etcitty, CRIT – Office (928) 662-4336**

*For monitor requests in Ehrenberg, please contact the Yuma Office
(928) 341-1775

PARKER VALLEY AREA

MONITORING DISTANCE

- | | | |
|----|---------------------|---|
| 1. | Child Care Center | All applications within one
(1) mile of the child care center on First
Ave.
Section 11, T9N, R12W. |
| 2. | La Pera School | All applications within one
(1) mile of the school.
Section 16, T9N, R21W. |
| 3. | Tribal Office, etc. | All applications within one
(1) mile of area. Sections 11 & 14,
T9N, R20W. |
| 4. | Mission Subdivision | All applications within one
(1) mile of subdivision.
Section 23, T9N, R20W |
| 5. | Mo-Chem Development | All applications within one
(1) mile of development. Section 28,
T9N, R21W. |
| 6. | CRIT Head Start | All applications within one
(1) mile of the area. Section
7, T8N, R21W. |

POSTON AREA

MONITORING DISTANCE

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|----|------------------------|---|
| 1. | Poston Commercial Area | All applications within one
(1) mile of the area. Sections
35, 36, T8N, R21W. |
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EHRENBURG AREA***MONITORING DISTANCE**

1. Elementary School & Private
Elementary School

All applications within one
(1) mile of the schools.
Section 11, T3N, R24E

*For monitor request in Ehrenberg, please contact the Yuma Office
(928) 341-1775

**ARIZONA DEPARTMENT OF AGRICULTURE
ENVIRONMENTAL SERVICES DIVISION**

**2004 PESTICIDE MONITORING PROGRAM
YUMA COUNTY**

**YUMA DISTRICT OFFICE
TELEPHONE (928) 341-1775 Fax (928) 341-1750**

SENSITIVE AREAS

<u>AREA</u>	<u>MONITORING DISTANCE</u>
Yuma Valley	All locations within the boundaries of Ave A to Ave. D and 1 st St. to County 11 th St. to include:
1. Ronald Reagan School 3200 W. 16 th Street	All applications within one fourth ($\frac{1}{4}$) mile of the school
2. Suverkrup School 1590 Ave C	All applications within one fourth ($\frac{1}{4}$) mile of the school
3. Rancho Viejo School 930 Ave C	All applications within one fourth ($\frac{1}{4}$) mile of the school
4. Cibola High School 4100 W. 20 th Street	All applications within one fourth ($\frac{1}{4}$) mile of the school
5. Crane Jr. High School 4450 W. 32 nd Street	All applications within one fourth ($\frac{1}{4}$) mile of the school
6. Pueblo School 2803 W. 20 th Street	All applications within one fourth ($\frac{1}{4}$) mile of the school
7. Hidden Cove Trailer Park 2450 W. Water Street	All applications within one fourth ($\frac{1}{4}$) mile of the trailer park
8. Valley Horizon School 4501 W. 20 th Street	All applications within one fourth ($\frac{1}{4}$) mile of the school
9. Whiz Kids Child Care 2600 W. 24 th Street	All applications within one fourth ($\frac{1}{4}$) mile of the day care
10. Centennial Middle School 2650 W. 20 th Street	All applications within one fourth ($\frac{1}{4}$) mile of the school
11. Yuma Catholic High School 2100 W. 28 th Street	All applications within one fourth ($\frac{1}{4}$) mile of the School
12. Yuma Private Industry Council 1545 S. Ave C	All applications within one fourth ($\frac{1}{4}$) mile of the school
13. Kofa High School 3100 S. Ave A	All applications within one fourth ($\frac{1}{4}$) mile of the school
14. Barkley Ranches Subdivision Ave D. & County 11 th Street	All applications within one fourth ($\frac{1}{4}$) mile of the subdivision

Yuma Mesa

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|---|---|
| 1. Desert Mesa Elementary
2350 Ave 7½ E. | All applications within one fourth
(¼) mile of the school |
| 2. Mary Otondo School
2251 Otondo Drive | All applications within one fourth
(¼) mile of the school |
| 3. Castle Dome Middle School
2353 Otondo Drive | All applications within one fourth
(¼) mile of the school |
| 4. Yuma Lutheran & Rolle School
2555 & 2711 S. Engler Ave. | All applications within one fourth
(¼) mile of the schools |
| 5. Kofa Co-Op RV Park
3750 E. County 17 th Street | All applications within one fourth
(¼) mile of the RV park |

Somerton/Gadsden/San Luis

- | | |
|--|--|
| 1. Somerton Public School
226 Jacob Street | All applications within one fourth
(¼) mile of the school |
| 2. Orange Grove Elementary School
3525 W. County 16½ Street | All applications within one fourth
(¼) mile of the school |
| 3. Somerton Middle School
1001 N. Somerton Avenue | All applications within one fourth
(¼) mile of the school |
| 4. Tierra Del Sol Elementary
16551 S. Somerton Ave | All applications within one fourth
(¼) mile of the school |
| 5. Gadsden School
18745 Gadsden Street | All applications within one fourth
(¼) mile of the school |
| 6. Rio Colorado School
1055 N. Main Street | All applications within one fourth
(¼) mile of the school |

Wellton/Roll

- | | |
|---|--|
| 1. Wellton Elementary School
29126 San Jose | All applications within one fourth
(¼) mile of the school |
| 2. Mohawk Valley Elementary School
Ave 39E & County 5 th Street | All applications within one fourth
(¼) mile of the school |
| 3. Antelope Union High School
Ave 36 E & County 9 th Street | All applications within one fourth
(¼) mile of the school |

**ARIZONA DEPARTMENT OF AGRICULTURE
ENVIRONMENTAL SERVICES DIVISION**

**2004 PESTICIDE MONITORING PROGRAM
APACHE AND NAVAJO COUNTIES**

There are no designated problem areas in **Apache** or **Navajo** Counties at this time. If you desire monitoring, please contact:

Allan Young, Telephone (520) 628-6313 Tucson

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COCHISE COUNTY

AREA

MONITORING AREA

- | | |
|-------------------|--|
| 1. Cochise County | Cochise Elementary School
Section 20, T15S, R24E. |
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There are no other designated problem areas in Cochise County at this time other than Cochise Elementary School.

If you desire other monitoring in the **Douglas, Elfrida, Sierra Vista** areas, please contact:
Allan Young (520) 628-6313

In the **San Simon** area, please contact:
Allan Young (520) 628-6313

In the **Willcox** area, Please contact:
Allan Young (520) 628-6313

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GRAHAM & GREENLEE COUNTIES

Contact: Mr. Allan Young (520) 628-6313

AREA

MONITORING AREA

- | | |
|-----------------------------|---|
| Cochise / Greenlee Counties | 1. Mullens Additions, Thatcher, AZ.
Section 11, T7S, R25E. |
| | 2. Lone Star Trailer Park, East of Safford,
AZ. |
| | 3. Safford Ranch Mobile Park, Section
25, T7S, R26E |

LIST OF INSPECTORS

PHOENIX OFFICE

PHONE NUMBER (602) 542-0901 - FAX NUMBER (602) 542-0466

Edward de Santiago
Paul Nicodem
Phil Luna

Industrial Hygienist
Pesticide Control Inspector
Pesticide Control Inspector

YUMA OFFICE

PHONE NUMBER (928) 341-1775 - FAX NUMBER (928) 341-1750

Donna Fairchild
Jim Turner
Oscar Salcedo

Industrial Hygienist
Pesticide Control Inspector
Industrial Hygienist

TUCSON OFFICE

PHONE NUMBER (520) 628-6313 - FAX NUMBER (520) 628-6961

Allan Young

Pesticide Control Inspector

******PESTICIDE EMERGENCY HOTLINE******
FOR ARIZONA

1-800-423-8876

- **To file pesticide use and agricultural safety complaints**
 - **Contact number to request a Pesticide Monitor**

**ARIZONA DEPARTMENT OF AGRICULTURE
ENVIRONMENTAL SERVICES DIVISION**

**MONITOR REQUEST
FAX TO: (602) 542-0466**

Applicator _____ CA# _____

Requested by _____ Date _____ Time _____

Scheduled Application Date _____ Scheduled Application Time _____

Location _____

Crop / Site _____ Acres _____

Product	EPA Registration #	Rate/Dilution
		Total GPA:

Grower Name _____ PGP # _____

PCA Name _____ PCA # _____

Pilot Name _____ AAP # _____

Equipment: Fixed Wing ___ Helicopter ___ Ground ___ Equipment Tag # _____

Type of Area: PMA ___ EUP ___ Sensitive ___

Other Information: _____

Contact Name: _____ Contact Number: _____

FOR DEPARTMENT USE ONLY

Received By _____ Date _____ Time _____
Assigned To _____ Date _____ Time _____

INSPECTOR NOTE: Obtain copy of label(s) to be used, review and take with you to monitor site to verify compliance with label requirements. FAX or hand-deliver a copy of this form to Supervisor immediately after the request is received. Attach copy to the Pesticide Use Form.

BUFFER ZONES

- A. The odoriferous pesticides profenofos, sulprofos, def and merphos and other pesticides with similar odoriferous characteristics shall not be applied within one-fourth mile of a school, a day care center, a health care institution or at least twenty-five residences adjoining the field to be sprayed, except by soil injection.**
- B. Highly toxic pesticides or paraquat shall not be applied within four hundred feet of a health care institution, except by soil injection.**
- C. Highly toxic pesticides or paraquat shall not be applied in liquid form, except by soil injection, within one hundred feet by aircraft or within fifty feet by ground equipment of at least twenty-five residences adjoining the field to be sprayed. Highly toxic pesticides shall not be applied in dust form by aircraft within three hundred feet of at least twenty-five residences adjoining the field to be sprayed.**
- D. Highly toxic pesticides and paraquat shall not be applied within one-fourth mile of schools or day care centers. However, highly toxic pesticides and paraquat may be applied within one-fourth mile of schools and day care centers unless authorized activities at the school or day care center are scheduled to occur before the reentry time period assigned to the pesticide by provisions of the product label elapses. A responsible individual at a school or a day care center shall be notified of the application of pesticides, other than highly toxic pesticides or paraquat, by aircraft during daylight hours.**
- E. Nothing in this section permits the application of pesticide in such a way as to cause drift within the grounds of a residence, school, health care institution or day care center, but compliance with this section and the requirements of the pesticide label establishes a presumption of compliance with this subsection.**
- F. For the purposes of this section, distances shall be measured from the property boundary of a school, residence, day care center or health care institution closest to the field to be sprayed to the area of the field that is to be sprayed.**

THE PMA LAW

A.R.S. § 3-366. Pesticide management areas

- A. The director shall designate pesticide management areas. Pesticide management areas may be urban areas that are adjacent to farmlands and have a history of concern known by the department regarding nearby aerial pesticide applications. The director may adopt rules for designating pesticide management areas.
- B. If possible at least twenty-four hours before applying a pesticide listed by the director under section 3-362, subsection A, paragraph 3 by aircraft in a pesticide management area the applicator shall notify the department. In any event, every reasonable attempt shall be made to notify the department before every application of pesticide in a pesticide management area.

THE PMA RULE

A.A.C. R3-3-304. Pesticide Management Areas; Criteria for Designation

- A. The Associate Director shall annually publish a list of all locations within the state that are designated as pesticide management areas under A.R.S. § 3-366. The list is available at every Environmental Services Division office.
- B. The Director shall designate a location as a pesticide management area if all of the following evaluation criteria are met:
1. The distance between the application site and the property boundary of any residence, school, child care facility, or health care institution is less than 1/4 mile;
 2. A pesticide is applied by aircraft;
 3. A pesticide complained about under subsection (B)(4) is highly toxic or odoriferous; and
4. The Department receives complaints alleging pesticide misuse within a 12-month period from at least five or five percent, whichever is greater, of the residences located less than 1/4 mile from the application site or a complaint from any school, child care facility, or health care institution located less than 1/4 mile from the application site.
- C. If, upon a written request from a person, or upon the Department's initiative, the Director determines that a pesticide management area no longer meets all of the criteria listed in subsection (B), the Director may remove the pesticide management area from the Department's annual list.
- D. A person may petition the Department at any time to add or delete an area to or from the list of pesticide management areas. The petitioner shall address all of the criteria listed in subsection (B). The Director shall make a decision on each petition no later than 90 days from the date the petition was submitted.